

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) An apparatus comprising:
 - a plurality of components including a component to store a reference photograph,
wherein the reference photograph is a photograph of an article or a photograph of an object;
 - a camera; and
 - operating logic to activate the camera on power-on or reset to take a photograph,
~~receive the photograph,~~ compare the photograph to the stored reference photograph to
authenticate a user, and to operate the components depending on whether the user is
successfully authenticated based at least in part on said comparison of the photograph to the
reference photograph,
 - wherein the operating logic is configured to allow a first set of functions to be
made available after successful authentication of the user and
 - wherein the operating logic is further configured to allow a second set of
functions to be made available after unsuccessful authentication of the user, the
second set of functions including fewer functions than the first set of functions.
2. (Cancelled)
3. (Cancelled)
4. (Currently amended) The apparatus of claim 1, further comprising a reader to
facilitate provision of the reference photograph ~~from an identity card external to the~~
apparatus, for use to authenticate the user.

5. (Currently amended) The apparatus of claim 4, wherein the ~~reference photograph is stored in said external identity card in a manner to be read by a reader selected from a reader group consisting of~~ is an electronic reader, an optical reader ~~or~~ and a magnetic reader.

6. (Cancelled)

7. (Currently Amended) A method, comprising:

an apparatus automatically activating a camera of the apparatus, on power-on, to take a photograph;

the apparatus authenticating a user by comparing the automatically taken photograph to a saved reference photograph wherein the reference photograph is a photograph of an article or a photograph of an object; and

operating a plurality of components of the apparatus in a manner that is dependent on whether the user was successfully authenticated or unsuccessfully authenticated based at least in part on the photograph, wherein said plurality of components includes a first set of components operable after successful authentication of the user and a second set of components operable after unsuccessful authentication of the user, the second set of components offering fewer functions than the functions offered by the first set of components.

8. (Cancelled)

9. (Previously Presented) The method of claim 7, wherein the method further comprises the apparatus saving the reference photograph.

10. (Currently amended) The method of claim 9, wherein the method further comprises the apparatus retrieving the reference photograph from an ~~identity card~~ source external to the apparatus.

11. (Previously Presented) The method of claim 10, wherein said retrieving comprises the apparatus performing a retrieving operation selected from the retrieving operation group consisting of an electronic retrieval operation, an optical retrieval operation, and a magnetic retrieval operation.

12. (Cancelled)

13. (Currently Amended) A wireless mobile phone comprising:

a camera;

a plurality of components coupled to each other to facilitate wireless telephony communication by a user, with the components being equipped to operate in at least a selected one of a first mode and a second mode, the components including a component to store a reference photograph wherein the reference photograph is a photograph of an article or a photograph of an object; and

operating logic to automatically activate the camera, on power-on, to take a photograph, to compare the taken photograph to the reference photograph to authenticate a user, to operate the components in said first mode without authentication of the user, said first mode allowing access of the user to a first set of functions, and to operate the components in said second mode if the user is successfully authenticated, said second mode allowing access of the user to a second set of functions, the second set of functions being a smaller function set than the first set of functions.

14. (Cancelled)

15. (Currently Amended) In a wireless mobile phone, a method of operation comprising:

automatically activating a camera of the wireless mobile phone, on power-on, to capture a photograph;

authenticating a user by comparing the captured photograph to a stored reference photograph, wherein the reference photograph is a photograph of an article or a photograph of an object;

operating a plurality of components of the wireless mobile phone to facilitate wireless telephony communication by a user, in a first mode, if the user is not authenticated; and

operating the components in a second mode if the user is successfully authenticated, the second mode offering more functions to the user than the first mode.

16. (Cancelled).